

Work Order ID 85133

85133

Page 1

June-04-12 1:23:58 PM

Item ID: D350-607-511

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Quick Release Basket Mounting Installation

Start Date: 04/06/2012 Start Qty: 1.00

1

Cust Item ID:

Required Date: 18/06/2012 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: MLJ

Date: 12/06/04

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|--------------------------------|---|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
| Draw Nbr | Revision Nbr | | | | | | | | |
| D350-607-3 | A | | | | | | | | |
| 100 | | 0.00 | | | | | | | |
| *100* | DOCUMENT CONTROL | | | | | | | | |
| DC | Memo | 0.00 | | | | | | | |
| Document Control | Photocopy bluefile & type labels per PPPD350-607-511 CHG002 | | | | | | | | |
| 140 | Pick Kit | 0.00 | | | | | | | |
| *140* | | | | | | | | | |
| Packaging | Memo | 0.00 | | | | | | | |
| Packaging | | | | | | | | | |
| 150 | QC4- 100% Inspect kits for completeness | 0.00 | | | | | | | |
| *150* | | | | | | | | | |
| QC | Memo | 0.00 | | | | | | | |
| Quality Control | | | | | | | | | |

12-06-12
MLJ 12-6-11

1x SP
12-6-11

1 12-06-12

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

NOTE: Date & initial all entries

Work Order ID 85133

85133

Page 2

June-04-12 1:23:58 PM

Item ID: D350-607-511

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Quick Release Basket Mounting Installation

Start Date: 04/06/2012 Start Qty: 1.00

1

Cust Item ID:

Required Date: 18/06/2012 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

160

0.00

160

Packaging

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D350-607-511

Location:

PAG 13 REV B

12/6/12

170

0.00

170

QC21- Final Inspection - Work Order Release

QC

Memo

0.00

Quality Control

12/6/12

V 12-06-12

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

NOTE: Date & initial all entries

Picklist Print

June-04-12 1:24:02 PM

Page 1

Work Order ID: 85133

85133

Parent Item: D350-607-511

D350-607-511

Parent Item Name: Quick Release Basket Mounting Installation

Start Date: 04/06/2012

Required Date: 18/06/2012

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A NEW ISSUE 10-06-28 JLM VERIFIED BY: LL

| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Qty per Kit | Total Qty | Qty Issued | Date Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|

D3910-3

D3910-3

Crosstube Lug

Manufactured No

140 Each 32.0000

4

**

Location

Loc Qty

Loc Code

st507

32

81574

32

Manufactured No

140 f 243.4840

2

**

D3984

D3984

Rubber Extrusion, Crosstube

Location

Loc Qty

Loc Code

ST080

243.484

53707

243.484

Manufactured No

140 Each 6.0000

1

**

CUT (8) AT 3.00" LONG

D4148-041

D4148-041

Crosstube Lug Assembly, Fwd

Location

Loc Qty

Loc Code

ST468

6

84191

6

Manufactured No

140 Each 4.0000

1

**

D4149-041

D4149-041

Crosstube Lug Assembly, Aft

Location

Loc Qty

Loc Code

ST468

4

82966

4

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

NOTE: Date & initial all entries

Picklist Print

June-04-12 1:24:02 PM

Work Order ID: 85133

85133

Parent Item: D350-607-511

D350-607-511

Parent Item Name: Quick Release Basket Mounting Installation

Start Date: 04/06/2012

Required Date: 18/06/2012

Start Qty: 1.00

Required Qty: 1.00

AN4-14A

Purchased No

140 Each

296.0000

16

16

AN4-14A

Bolt

**

SP

Location

Loc Qty

Loc Code

357

100

121349

100

ST357

196

120187

13

120769

1

121068

17

121444

100

121708

65

140 Each

3,904.000

16

16

MS21042L4

Purchased No

MS21042L4

Nut

**

16x SS
SP

Location

Loc Qty

Loc Code

ST300

3904

119075

116

121011

531

121444

2957

121652

300

140 Each

774.0000

32

32

NAS1149F0432P

Purchased No

NAS1149F0432P

Washer

**

16x SS
SP 12-6-11

Location

Loc Qty

Loc Code

ST275

774

121350

774

32x SS

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|--------------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

NOTE: Date & initial all entries

REFERENCE ONLY

DART AEROSPACE LTD.

D350-607-3
Page 17 of 19

4.0 WEIGHT AND BALANCE

| Installation | Weight | LATERAL | | LONGITUDINAL | |
|---|--------------------|-----------------------|-----------------------------|------------------|---------------------------|
| | | Arm | Moment | Arm | Moment |
| D350-607-541 (Standard Basket) | 80.7 lb 36.6 kg | ± 49.1 in ± 1.25 m | ± 3962 in-lb ± 45.8 m-kG | 135 in 3.43 m | 10895 in-lb 125.5 m-kG |
| D350-607-543 (Lightweight Basket) | 65.7 lb 29.8 kg | ± 49.1 in ± 1.25 m | ± 3226 in-lb ± 37.3 m-kG | 135 in 3.43 m | 8870 in-lb 102.2 m-kG |
| D350-607-545 (Standard Basket) | 58.7 lb 26.2 kg | ± 49.1 in ± 1.25m | ± 2882 in-lb ± 32.8 m-kG | 135 in 3.43 m | 7925 in-lb 89.9 m-kG |
| D350-607-547 (Lightweight Basket) | 47.7 lb 21.6 kg | ± 49.1 in ± 1.25 m | ± 2342 in-lb ± 27.0 m-kG | 135 in 3.43 m | 6440 in-lb 74.1 m-kG |
| D350-607-511 (Quick Release Basket Mounting Kit) | 7.2 lb 3.3 kg | ± 36.9 in ± 0.94 m | ± 266 in-lb ± 3.1 m-kG | 135 in 3.43 m | 972 in-lb 11.3 m-kG |

5.0 PARTS LIST

| QTY -541 | QTY -543 | QTY -545 | QTY -547 | QTY -511 | QTY -501 | PART NUMBER | DESCRIPTION |
|-------------|-------------|-------------|-------------|-------------|-------------|---------------|-----------------------------------|
| X | | | | | | D350-607-541 | HELI-UTILITY-BASKET |
| | X | | | | | D350-607-543 | HELI-UTILITY-BASKET |
| | | X | | | | D350-607-545 | HELI-UTILITY-BASKET |
| | | | X | | | D350-607-547 | HELI-UTILITY-BASKET |
| 1 | 1 | 1 | 1 | X | | D350-607-511 | QUICK RELEASE BASKET MOUNTING KIT |
| | | | | | X | D350-607-501 | CONVERSION KIT |
| 1 | 1 | 1 | 1 | | 1 | D2690-6 | LANYARD |
| | | | | 4 | 4 | D3910-3 | X-TUBE LUG) |
| 1 | 1 | 1 | 1 | | 1 | D3912-041 | EYEBOLT RECEIVER ASSY |
| | | | | 8 | 8 | D3984-030 | RUBBER EXTRUSION, X-TUBE / |
| 1 | | | | | | D4030-041 | LONG BASKET ASSY |
| | 1 | | | | | D4030-043 | LONG BASKET ASSY, LIGHTWEIGHT |
| | | 1 | | | | D4032-041 | SHORT BASKET ASSY |
| | | | 1 | | | D4032-043 | SHORT BASKET ASSY, LIGHTWEIGHT |
| 1 | 1 | 1 | 1 | | 1 | D4085-3 | PLACARD-INSTRUCTIONS |
| 1 | | | | | 1 | D4086-200 | PLACARD, MAX LOAD |
| | 1 | | | | 1 | D4086-215 | PLACARD, MAX LOAD |
| | | 1 | | | 1 | D4086-220 | PLACARD, MAX LOAD |
| | | | 1 | | 1 | D4086-232 | PLACARD, MAX LOAD |
| | | | | 1 | 1 | D4148-041 | FWD X-TUBE LUG ASSY) |
| | | | | 1 | 1 | D4149-041 | AFT X-TUBE LUG ASSY / |
| 1 | 1 | 1 | 1 | | 1 | D4150-041 | ATTACHMENT ARM ASSY |
| 1 | 1 | 1 | 1 | | 1 | D4151-041 | BASKET FWD HARDPOINT ASSY (LOWER) |
| 1 | 1 | 1 | 1 | | 1 | D4151-043 | BASKET FWD HARDPOINT ASSY (UPPER) |
| 6 | 6 | 6 | 6 | | 6 | AN4-13A | BOLT |
| | | | | 16 | 16 | AN4-14A | BOLT |
| 1 | 1 | 1 | 1 | | 1 | AN4C15 | BOLT |
| 1 | 1 | 1 | 1 | | 1 | AN310C4 | CASTELLATED NUT |
| 1 | 1 | 1 | 1 | | 1 | MS17984-C413 | QUICK RELEASE PIN |
| 6 | 6 | 6 | 6 | 16 | 22 | MS21042L4 | NUT (OR MS21042-4) |
| 1 | 1 | 1 | 1 | | 1 | MS24665-151 | COTTER PIN |
| 2 | 2 | 2 | 2 | | 2 | NAS1515H4L | WASHER |
| 12 | 12 | 12 | 12 | 32 | 44 | NAS1149F0432P | WASHER |
| 3 | 3 | 3 | 3 | | 3 | NAS1149C0463R | WASHER |

• COPYRIGHT © 2010 BY DART AEROSPACE LTD •
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Revision: A
Date: 10.06.28

